

(FILE 'USPAT' ENTERED AT 10:34:45 ON 07 JUL 1998)

L1 18398 SEA (SILVER OR IRON OR ZINC OR NICKEL OR TIN OR CHROMIUM O
R A LUMINUM OR TITANIUM) (1W) (SULFATE# OR SULPHATE)
L2 3142 SEA (AG OR FE OR ZN OR NI OR SN OR CR OR AL OR TI) (1W) SO
L3 8762 SEA AGSO OR FESO OR ZNSO OR NISO OR SNSO OR CRSO OR ALSO O
R T ISO
L4 806 SEA (SILVER OR ZINC OR IRON OR CERIUM OR NICKEL OR COPPER
OR CERIUM OR CHROMIUM) (1W) PERCHLORATE#
L5 226 SEA (ZN OR FE OR CE OR AG OR NI OR CU OR CR) (1W) CLO
L6 232 SEA ZNCLO OR FECLO OR CECLO OR AGCLO OR NICLO OR CUCLO OR
CRC LO
L7 18082 SEA (SILVER OR POTASSIUM OR COPPER OR MAGNESIUM OR CERIUM)
(1 W) NITRATE#
L8 12906 SEA (AG OR K OR CU OR MG OR CE) (1W) NO
L9 6169 SEA AGNO OR KNO OR CUNO OR MGNO OR CENO
L10 14248 SEA (COPPER (1W) (SULFATE# OR SULPHATE# OR ACETATE#)) OR (
CU (1W) SO) OR CUSO
L11 40299 SEA (IRON OR COPPER OR TIN OR MANGANESE OR ALUMINUM OR TIT
ANI UM OR SILVER) (1W) (CHLORIDE# OR DICHLORIDE#)
L12 2105 SEA (FE OR CU OR SN OR MN OR AL OR TI OR AG) (1W) CL
L13 29884 SEA FECL OR CUCL OR SNCL OR MNCL OR ALCL OR TICL OR AGCL
L14 11216 SEA (SODIUM OR MAGNESIUM OR POTASSIUM) (1W) (THIOSULFATE#
OR THIOSULPHATE#)
L15 7344 SEA (POTASSIUM (1W) PERMANGANATE#) OR (K (1W) MNO) OR KMNO
L16 3 SEA COPPER (1W) CARBONATE (1W) DIHYDROXIDE#
L17 8549 SEA (MOLYBDENUM (W) OXIDE#) OR MOO OR (MO (1W) O)
L18 13521 SEA (ZINC (W) PEROXIDE#) OR ZNO OR (ZN (W) O)
L19 2880 SEA ZINC (W) POWDER#
L20 874 SEA (TITANIUM (1W) HYDRIDE#) OR TIH OR (TI (1W) H)
L21 75461 SEA PEROXIDE#
L22 2310 SEA (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR
L1 0) (P) L21
L23 4091 SEA (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18
OR L19 OR L20) (P) L21
L24 5952 SEA L22 OR L23
L25 28266 SEA 8/CLAS
L26 138 SEA L24 AND L25
L27 6009 SEA METAL SALT#/AB
L28 1453 SEA ((SILVER/AB OR IRON/AB OR ZINC/AB OR NICKEL/AB OR TIN/
AB OR CHROMIUM/AB OR ALUMINUM/AB OR TITANIUM/AB) (1W) (SULFAT
E#/
AB OR SULPHATE/AB)) OR ((AG/AB OR FE/AB OR ZN/AB OR NI/AB
OR SN/AB OR CR/AB OR AL/AB OR TI/AB) (1W) SO/AB) OR (AGSO/AB
OR

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AB)
) O
H/
L30
L31

FESO/AB OR ZNSO/AB OR NISO/AB OR SNSO/AB OR CRSO/AB OR ALS
B TISO/AB) OR ((SILVER/AB OR ZIN AB OR IRON/AB OR CERI
AB OR NICKEL/AB OR COPPER/AB OR CERIUM/AB OR CHROMIUM/AB)
) PERCHLORATE#/AB) OR ((ZN/AB OR FE/AB OR CE/AB OR AG/AB O
I/AB OR CU/AB OR CR/AB) (1W) CLO/AB) OR (ZNCLO/AB OR FECLO
OR CECLO/AB OR AGCLO/AB OR NICLO/AB OR CUCLO/AB OR CRCLO/
OR ((SILVER/AB OR POTASSIUM/AB OR COPPER/AB OR MAGNESIUM/
OR CERIUM/AB) (1W) NITRATE#/AB) OR ((AG/AB OR K/AB OR CU/A
R MG/AB OR CE/AB) (1W) NO/AB) OR (AGNO/AB OR KNO/AB OR CUN
B OR MGNO/AB OR CENO/AB) OR ((COPPER/AB (1W) (SULFATE#/AB
SULPHATE#/AB OR ACETATE#/AB)) OR (CU/AB (1W) SO/AB) OR CUS
B)
3988 SEA ((IRON/AB OR COPPER/AB OR TIN/AB OR MANGANESE/AB OR AL
NUM/AB OR TITANIUM/AB OR SILVER/AB) (1W) (CHLORIDE#/AB OR
HLORIDE#/AB)) OR ((FE/AB OR CU/AB OR SN/AB OR MN/AB OR AL/
OR TI/AB OR AG/AB) (1W) CL/AB) OR (FECL/AB OR CUCL/AB OR S
/AB OR MNCL/AB OR ALCL/AB OR TICL/AB OR AGCL/AB) OR ((SODI
AB OR MAGNESIUM/AB OR POTASSIUM/AB) (1W) (THIOSULFATE#/AB
THIOSULPHATE#/AB)) OR ((POTASSIUM/AB (1W) PERMANGANATE#/AB
R (K/AB (1W) MNO/AB) OR KMNO/AB) OR (COPPER/AB (1W) CARBON
/AB (1W) DIHYDROXIDE#/AB) OR ((MOLYBDENUM/AB (W) OXIDE#/AB
R MOO/AB OR (MO/AB (1W) O/AB)) OR ((ZINC/AB (W) PEROXIDE#/
OR ZNO/AB OR (ZN/AB (W) O/AB)) OR (ZINC/AB (W) POWDER#/AB
R ((TITANIUM/AB (1W) HYDRIDE#/AB) OR TIH/AB OR (TI/AB (1W)
AB))
5776 SEA (PEROXIDE#/AB)
211 SEA (L27 OR L28 OR L29) AND L30

FILE USPAT

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* W E L C O M E T O T H E *
* U . S . P A T E N T T E X T F I L E *
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=> d cit 126 56, 99

✓ 56. 4,992,077, Feb. 12, 1991, Agent for the oxidative dyeing of hair,
method for the preparation of the agent and use of the agent; Jurgen
Tennigkeit, et al., 8/406, 405, 407, 408, 431,
623, 624, 627; 132/204 [IMAGE AVAILABLE]

99. } 4,233,163, No. 11, 1980, Catalyst system for flame retardant
finishing; Harold Donald, 8/115.52, 115.62, 115.7
127.1, 127.6, 128.1, DIG.12; 252/608; 502/218 [IMAGE
AVAILABLE]

> d cit 55, 64

✓ 55. 5,279,313, Jan. 18, 1994, Two component composition and method for bleaching hair; Thomas Clausen, et al., 132/208; 424/62 [IMAGE AVAILABLE]

64. 5,173,085, Dec. 22, 1992, Hair dyeing process and compositons package; Keith Brown, et al., 8/405, 406, 425, 429, 431, 433, 435 [IMAGE AVAILABLE]

68. 4,396,387, Aug. 2, 1983, Method for preparing titanium tanning agent and use thereof in leather tanning process; David L. Motov, et al., 8/94.21, 94.25, 94.26 [IMAGE AVAILABLE]

70. 4,314,975, Feb. 9, 1982, Method for preparing titanium tanning agent; David L. Motov, et al., 423/81, 8/94.25, 94.29 423/82, 544, 549 [IMAGE AVAILABLE]

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L2 3142 S (AG OR FE OR ZN OR NI OR SN OR CR OR AL OR TI) (1W) SO
L3 8762 S AGSO OR FESO OR ZNSO OR NISO OR SNSO OR CRSO OR ALSO OR
TIS
L4 806 S (SILVER OR ZINC OR IRON OR CERIUM OR NICKEL OR COPPER OR
CE
L5 226 S (ZN OR FE OR CE OR AG OR NI OR CU OR CR) (1W) CLO
L6 232 S ZNCLO OR FECLO OR CECLO OR AGCLO OR NICLO OR CUCLO OR CR
CLO
L7 18082 S (SILVER OR POTASSIUM OR COPPER OR MAGNESIUM OR CERIUM) (
1W)
L8 12906 S (AG OR K OR CU OR MG OR CE) (1W) NO
L9 6169 S AGNO OR KNO OR CUNO OR MGNO OR CENO
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10)
L23 4091 S (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR
L1
L24 5952 S L22 OR L23
L25 28266 S 8/CLAS
L26 138 S L24 AND L25
L27 6009 S METAL SALT#/AB
L28 1453 S L1/AB OR L2/AB OR L3/AB OR L4/AB OR L5/AB OR L6/AB OR L7
/AB
L29 3988 S L11/AB OR L12/AB OR L13/AB OR L14/AB OR L15/AB OR L16/AB
OR
L30 5776 S L21/AB
L31 211 S (L27 OR L28 OR L29) AND L30
L32 45049 S WOOD/AB OR WOODEN/AB OR COTTON/AB OR HEMP/AB OR FLAX/AB
OR
L33 38250 S PLATIC/AB OR CLAY/AB OR CERAMIC/AB OR CEMENT/AB OR CONCR

ETE
L34
WOO
L35
L36

28010 S [REDACTED] BRIC#/AB OR BAMBOO/AB OR RATTAN [REDACTED] B OR CARDBORAD/AB OR

960 S (L32 OR L33 OR L34) AND (L27 OR L28 OR L29)

94 S L35 AND L21